

- 3 EA Minimum specifications for new latest model 2.5 to 3.0 Cubic Yard Wheel Loader, equipped with Multi-Purpose Bucket; meeting the following specifications, in accordance with manufacturer's standard published specifications.

The Wheel Loader shall be powered by a diesel engine with at least 130 net flywheel H.P. The engine shall have a 12 or 24 volt starting system with 45 amp alternator. Machine and engine shall be manufactured by the same company.

The Loader shall be equipped with a power shift transmission providing not less than 4 forward and 3 reverse speeds.

The Loader shall be equipped with torque proportioning front and rear differentials. Loaders not offering torque proportioning differentials must be equipped with hydraulic differential lock or no spin.

The Loader shall be equipped with four (4) wheel wet disc brakes. A transmission neutralizer shall be included with the brake system.

The Loader shall be articulating type with 40 degree articulation in each direction.

The Loader shall be equipped with a 2.5 to 3.0 cu. yd. Multi-Purpose Bucket with Bucket Teeth, six (6) central and two (2) corner mounted, back spill plate, and rollover forks at least 8,000 lbs. The Loader shall have a dump height of not less than 8 feet 11 inches at 40 degrees and a reach of not less than 33 inches. The Loader shall be equipped with automatic boom lift kick out and automatic bucket leveling.

The Loader shall be equipped with an enclosed ROPS Cab, insulated with headliner and suspension type seat with seat belts; tinted windows, heater with defroster, air conditioning, windshield wipers and washers.

The Loader shall be equipped with 20.5R x 25 XHAT Michelin, Bridgestone or Goodyear tubeless type tires; two (2) front headlights; two (2) rear floodlights; stop lights; taillights; turn signals; boom lock; transport lock; full instrumentation, including converter oil temperature gauge, engine oil pressure gauge, engine coolant temperature gauge, transmission oil pressure gauge and voltmeter; (gauge can mean gauge or light) Back-up alarm; master electrical switch; warning light for parking brake; hood side panels; vandalism protection with locks; hour meter; front and rear fenders; slow moving emblem and high intensity amber strobes.

The Loader shall have a wheelbase of 9' minimum and a tread of 6'3" minimum. The tipping load shall be not less than 18,000 lbs. without tire ballast. The breakout force shall be not less than 22,000 lbs. without tire ballast. The operating weight shall be not less than 24,000 lbs. with equipment as specified herein.

Warranty: Five year/5000 hour full machine warranty.

Vendor to furnish two (2) sets of parts books, service manuals, technical manuals and operators' manuals with each unit when delivered. Must have three (3) sets of keys.

Must have parts and service within 100 miles of delivery point. Delivery date may be a factor in making award.